

HYDRAULIC WORKING FLUID COMPOSITION

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Abstract of JP9111277

PROBLEM TO BE SOLVED: To obtain a hydraulic working fluid composition, capable of effectively preventing a working fluid from deteriorating in an early stage and sludges from producing, usable over a long period and eliminating a chattering phenomenon of a cylinder [a phenomenon of causing the vibration or abnormal sound between the cylinder and a piston or between a rod and a guide] and capable of manifesting stable operation characteristics. **SOLUTION:** This hydraulic working fluid composition is obtained by blending a base oil having <=5% CA with (A) an amine-based antioxidant such as 4,4'-dioctyldiphenylamine in an amount of 0.01-5wt.% based on the total amount of the composition, (B) a phenolic antioxidant such as 2,6-di-tert-butyl-4-methylphenol in an amount of 0.01-5wt.% based on the total amount of the composition, (C) a phosphoric ester such as tricresyl phosphate in an amount of 0.01-5wt.% based on the total amount of the composition and (D) a fatty acid amide such as isotearic acid triethylenetetramide and/or a polyhydric alcohol ester such as sorbitan monooleate in an amount of 0.001-5wt.% based on the total amount of the composition.

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